

AMENDMENTS TO CLAIMS

Please amend the claims as follows:

1. (Currently amended) A hydrostatic gas bearing of an orifice type comprising:

a gas injection port; and

an air groove communicating with the gas injection port,

wherein a clearance (h) of the hydrostatic gas bearing is at most 3 μm , and the ratio of a
depth (g) of the air groove to the clearance (h) is at least 5; and

wherein the hydrostatic gas bearing ~~uses a single restriction mechanism and~~ is made of,
as a main component, at least one of silicon nitride and Sialon.
2. (Canceled)